

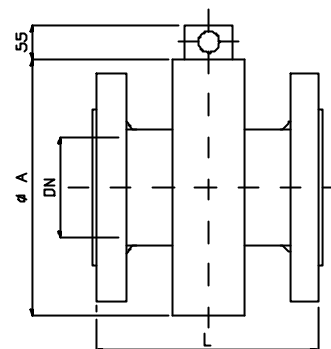


ELECTROMAGNETIC FLOWMETER AP1017 – AP1018 - HI-TECH version

Overall dimensions (mm) with flanges UNI 2277 PN10 (DIN 2576).



ND	A Ø	L		Weight (Kg)	
		Standard	ISO	Standard	ISO
25	152	250	200	7	5
32	178	250	200	8	6
40	178	250	200	9	7
50	178	250	200	10	8
65	219	250	200	12	9
80	219	250	200	13	11
100	235	250	200	16	12
125	273	250	250	19	16
150	278	300	300	23	19
200	327	300	350	30	23
250	387	300	450	38	32
300	425	300	500	50	42
350	490	300	550	72	54
400	527	300	600	96	77
450	590	300		102	112
500	628	300		120	
600	730	400		150	
700	834	400		195	
800	940	400		250	
900	1038	400		290	
1000	1138	400		360	
1100	1234	600		450	
1200	1341	600		540	



TECHNICAL DATA

Version	: industrial HI-TECH
Mounting	: flanges UNI – ANSI – DIN – ISO
Nominal size	: AP1017 from ND25 to ND400 mm ; AP1018 from ND25 to ND1200 mm
Nominal pressure	: standard NP10 (see optional)
Measure piping	: AISI316
Structure, flange	: painted carbon steel (see optional)
Structure	: repairable (not welded)
Lining	: AP1017 TEFLON®; AP1018 alimentary hard rubber
Process temperature	: AP1017 -40 ÷ 150 °C ; AP1018 -25 ÷ 110 °C
Anticondensate sealing	: polyurethane resin
Measure electrodes	: AISI316L-1.4404 (see optional)
Measure range	: 0,1 ÷ 12 m/s
Interchangeability	: total for any converter
Interchangeability accuracy	: without adjustment, ND25÷300 ±0,2% R.V. ; ND350÷500 ±0,5% R.V. ; ND600÷1000 ±1% R.V. ; ND1200 ±2% R.V.
Output	: to converter
Electrical connections	: with industrial connector
Insulation thermic class	: H (180 °C)
Ambient temperature	: -30 ÷ 80 °C
Protection	: IP 66 CEI EN 60529 (see optional)
Humidity	: 100% (no air inside)
Supply	: from converter (24Vdc)
Power consumption	: 6W
Dimensions	: see table
Lenght	: L standard (see optional)
Burn-in	: 120 hours
MTBF	: 130'000 hours
Optionals	: - nominal pressure NP16 – NP25 – NP40 – NP64 : - Stainless steel construction (AISI304-1.4301 - 316-1.4401) : - Hastelloy B or C – Titanium electrodes : - IP67 protection : - IP68-10 w.c.m. protection (cable connected and resinated by manufacturer) : - lenght ISO 13359 : - lenght on request : - special executions on request
Accuracy of system (meter + conv.) after adjustment with absolute mode (not by comparison)	
Standard	: ±0,2% R.V. - ±0,5% R.V. (function of diameters) ±1% R.V. - ±2% R.V. (function of diameters)
For other data	: see converters AP219 - AP501

NOTE: Teflon® is registered trademark of DuPont Dow Elastomers

Bull.	206
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Italian version	
English version	X

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